

Flame-resistant electrical cable - has inner insulation layer for individual conductors comprising two layers of fibre-glass strip coated with mica

Publication number: DE4132390 (A1)

Publication date: 1993-04-01

Inventor(s): KNUEPFER BERND DR ING [DE]; SCHOETTKER MARTIN DIPL ING [DE]

Applicant(s): SIEMENS AG [DE]

Classification:

- **international:** H01B7/295; H01B7/17; (IPC1-7): H01B7/28

- **European:** H01B7/295

Application number: DE19914132390 19910926

Priority number(s): DE19914132390 19910926

Also published as:

DE4132390 (C2)

Cited documents:

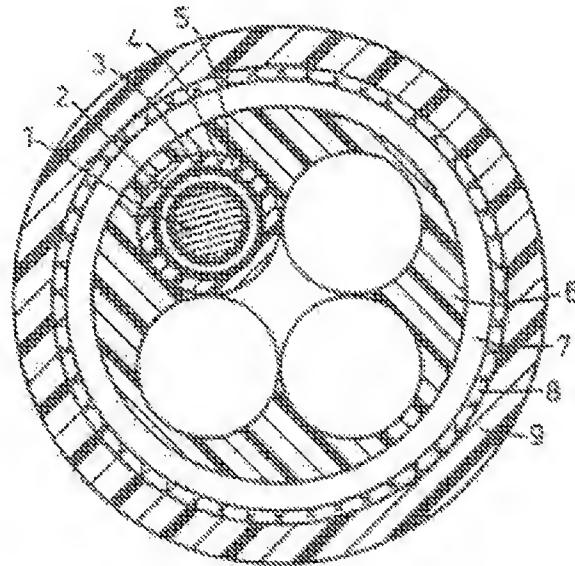
DE3229352 (A1)

DE9015169U (U1)

GB2074898 (A)

Abstract of DE 4132390 (A1)

The individual conductors are enclosed in an inner and an outer cover, and have an inner insulation coating comprising two layers of mica strip. They have an outer insulation coating of extruded plastics material. The mica strip is a mica-coated fibre-glass strip and between the two layers (2,4) of mica strip is a thin layer of high temp.-resistant ceramic adhesive. The ceramic adhesive consists of heat-resistant fibres and an anorganic binder, the fibres being of aluminium oxide and silicate. On the inner cover (6) a winding (7) of glass silk strip or a mica-coated glass fibre strip is fixed. USE/ADVANTAGE - Protects electrical cable in event of fire against temp. of 1,000 deg.C for at least 90 minutes.



Data supplied from the **esp@cenet** database — Worldwide